

ABSTRACT OF THE DISCLOSURE

According to one aspect of the present invention,
a battery charging apparatus, which is
5 attachable/removable to/from an ink jet printer, and
which electrically charges a secondary battery to
supply electric power to the ink jet printer. The
battery charging apparatus has a connector to supply
the electric power from the battery to the ink jet
10 printer, a power source voltage detection unit to
determine an electric charging condition for
electrically charging the battery, a serial
communication unit to receive a battery charging
control signal from the ink jet printer, and a
15 microcomputer to control electric charging of the
battery in correspondence with the received charging
control signal and the electric charging condition.